

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent Application of:  
Kazumi MINOGUCHI et al.

Application No.: 10/827,446

Confirmation No.: 2718

Filed: April 20, 2004

Art Unit: 3731

For: TOOTH-HARDENING APPARATUS

Examiner: Ryan J. SEVERSON

**AMENDMENT UNDER § 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In reply to the Office Action dated February 07, 2011, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 4.